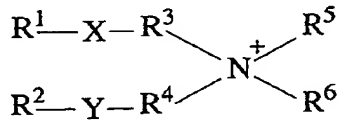
ABSTRACT

The purpose of the present invention is to provide a softener composition which suppresses for a long time body smell derived from sweat etc. and is excellent in the softening effect. That is, the present invention relates to a softener composition comprising:

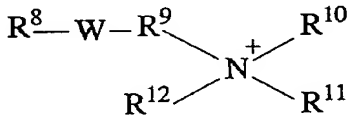
(a) a quaternary ammonium compound represented by the formula (1):



(1)

wherein R^1 and R^2 independently represent a C_{12-22} alkyl or alkenyl group, X and Y are independently -COO-, -$CONR^7$-, -OCO- or -NR^7CO-, provided that at least one of X and Y is -COO- or -OCO-, R^7 represents a hydrogen atom or a C_{1-3} alkyl or hydroxyalkyl group, R^3 and R^4 independently represent a C_{1-5} alkylene group, R^5 and R^6 represent a C_{1-3} alkyl or hydroxyalkyl group or R^1-X-R^3- and Z^- is an anionic group,

(b) a quaternary ammonium compound represented by the formula (2):



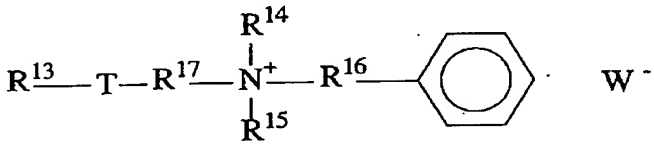
(2)

wherein R^8 represents a C_{12-22} alkyl or alkenyl group, W is a group selected from -COO-, -$CONR^7$-, -OCO- and -NR^7CO-, R^7 represents

a hydrogen atom or a C_{1-3} alkyl or hydroxyalkyl group, preferably a hydrogen atom, R^9 represents a C_{1-5} alkylene group, R^{10} and R^{11} represent a C_{1-3} alkyl or hydroxyalkyl group, R^{12} represents a C_{1-3} alkyl group or $-R^{26}-OH$, R^{26} is a C_{1-5} alkylene group and Z^- is an anionic group, and

a compound selected from the following component (c) or (d):

(c) 0.1 to 15 % by weight of a compound represented by the formula (3) and/or formula (4):



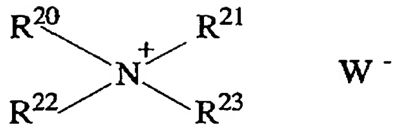
(3)

(4)

wherein R^{13} and R^{18} independently represent a C_{5-19} alkyl or alkenyl group, R^{14} and R^{15} independently represent a C_{1-3} alkyl or hydroxyalkyl group and T is -COO-, -OCO-, -CONH-, -NHCO-,

or a linkage, R^{16} represents a C_{1-3} alkylene group, R^{17} represents a C_{1-6} alkylene group or $-(O-R^{19})_n-$, R^{19} is ethylene group or propylene group and n is a number of 1 to 10 and W^- is an anionic group, and

(d) 0.01 to 15 % by weight of a compound represented by the formula (5):



(5)

wherein 2 or 3 groups out of R^{20}, R^{21}, R^{22} and R^{23} represent a C_{8-12} alkyl group, the remainder of them represent a C_{1-3} alkyl group, a C_{1-3} hydroxyalkyl group or a C_{7-15} arylalkyl group and Z^- is an anionic group.